# q1860a : hp LaserJet 5100 printer

**Affordable, high quality, wide-format printing.**

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## technical specifications

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| **print speed** | **first page out:**13 secs (A4) , with instant-on fuser technology, warm or cold start<br>dependent on type and print mode |

| **document type** | **best** |
|---|---|
| black text a4 | Fastres: up to 22 ppm, Prores: up to 11 ppm |
| black text a3 | Fastres: up to 11 ppm, Prores: up to 6.5 ppm |

**Speed specifications have been updated to reflect current industry testing methods.*

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| **processor** | 300 MHz<br>RISC |
| **memory** | **standard** : 16 MB<br>Expandable to 192 MB through three industry-standard DIMM slots<br>usingMemory Enhancement technology (MEt)<br>**memory slots** : 3 128-pin DIMM |
| **print technology** | Laser |
| **print quality** | |

| **output** | **draft** | **normal** | **best** |
|---|---|---|---|
| black | 300 x 300 dpi | Fastres 1200 (1200 dpi quality) | Prores 1200 (True 1200 dpi) |

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| **typefaces/fonts** | 110 scalable TrueType fonts (80 built-in, 30 via HP Fontsmart for Windows®), all PCL and Postscript accessible |
| **duty cycle** | Up to 65,000 |
| **standard media sizes** | A3, A4, A5, B4 (JIS), B5 (JIS), DL, letter, legal, executive |
| **custom media sizes** | Tray 1: 76.2 x 127 mm to 312 x 470 mm; Tray 2 and 3: 148 x 210 mm to 297 x 419 mm (or 280 x 432 mm); Duplexer: 147 x 210 mm to 297 x 432 mm |
| **media types** | Paper (plain, letterhead, prepunched, bond, color, rough, vellum, preprinted, recycled), transparencies, labels, envelopes, card stock, user-defined (if using HP Web Jetadmin or the HP LaserJet Utility) |
| **max. media weight range** | Tray 1: 60 to 199 g/m2 (straight through paper path for special media), Tray 2: 60 to 105 g/m2 |
| **maximum print area** | 303 x 460 mm |
| **a3 size media** | 303 x 460 mm |

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| **media handling/input** | media type | standard | up to |
| | sheets | 350 | 4 trays (including Tray 1) for a total of 1100 sheets |
| **paper input trays standard** | 2 | | |
| **paper input trays optional** | 4 | | |
| **envelope feeder** | No | | |
| **media handling/output standard** | sheets | : 250 | |
| **duplex printing** | two sided printing capability | : Automatic (optional with the purchase of a duplex accessory) | |
| **interface and connectivity** | standard | : IEEE 1284-compliant parallel, 2 open EIO slots | |
| | optional | : HP Jetdirect 615n (EIO) internal print servers, HP Jetdirect connectivity cards | |
| | **wireless capability** | : Optional, enabled with purchase of HP Jetdirect 680n card , | |
| **drivers included: operating systems compatibility** | drivers included | : HP PCL 6, PCL 5e, PostScript® Level 3 emulation for Microsoft® Windows® 95, 98, Me, NT 4.0, 2000, XP | |
| | driver downloadable | : (available from the Internet) Depending on the configuration of Windows-driven computers, the installation program for the printer software automatically checks the computer for Internet access to obtain the latest software. | |
| **network operating systems compatibility** | supported | : Microsoft® Windows 95, 98, 2000, NT, XP; NetWare; IBM OS/2 Warp; LAN manager; UNIX®; AppleTalk; LocalTalk via HP Jetdirect EIO print servers, Linux and HP-UX. | |
| | optional | : Microsoft® Windows® 95, 98, 2000, NT, XP; NetWare; IBM OS/2 Warp; LAN manager; UNIX®; AppleTalk; LocalTalk via HP Jetdirect EIO print servers, Linux and HP-UX. | |
| **minimum for macintosh** | Mac OS 8.6 - 9.2, Mac OS X 10.1, 160 MB available disk space, CD-ROM drive or Internet connection | | |
| **standard software** | Online user guide CD and printer software (drivers in-box: Microsoft® Windows NT® 4.0, 9x, 2000, Me, XP and Mac OS 8.6, 9.0, 9.04, 9.1, X. Drivers on the web: IBM OS/2 and UNIX®/Linux. Download available at http://www.hp.com/support/lj5100_software. Software disk replication utility for attended or unattended deployment of custom drivers. HP internet installer can automatically update printer drivers during installation. HP Web Jetadmin printer management software for network configuration and management from common web browser. Download available at http://www.hp.com/go/webjetadmin_software | | |
| **power requirements** | 220 to 240 VAC (+/-10%), 5.3 amps, 50/60 Hz (+/-2 Hz) | | |
| **power consumption** | 465 watts maximum (printing), 30 watts (standby), 23 watts (powersave), 0 watts (Off). | | |
| **dimensions (w x d x h)** | **out of package**<br>475 x 580 x 473 mm<br><br>**packaged**<br>734 x 602 x 406 mm | | |
| **weight** | **out of package**<br>23 kg<br><br>**packaged** | | |
| **printer management** | HP Web Jetadmin, HP LaserJet Utility | | |
| **operating environment** | **environmental ranges** | | |
| | operating temperature | :10 to 32° C | |
| | operating humidity | :20 to 80% RH | |
| | recommended operating | :25 to 75% RH | |

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|---|---|
| | humidity<br>recommended operating temperature :10 to 32° C<br>storage temperature :0 to 40° C<br>storage humidity :20 to 80% RH<br>**noise level per iso 9296**<br>sound power lwad :LwAd: 4.4-0 B(A) Powersave, 6.6 B (A) printing at 22 ppm, 6.3 B(A) printing at 11 ppm |
| **energy star** | Yes |
| **certifications** | EU (EMC Directive 89/336/EEC), ISE Countries (CISPR 22), Poland (B-Mark-CISPR 22), Russia (GOST-CISPR 22), USA (FCC Title 47 CFR Part 15 Class A)<br>**regulatory standards:**<br>Czech Republic (CSN-IEC 60950-IEC 825), Estonia (EEI-EN 60950-IEC 825), EU (CE Mark-Low Voltage Directive 73/23/EEC), Germany (TÜV- EN 60950-IEC 825), Hungary (MEEI- IEC 60950-IEC 825), Lithuania (LS- IEC 60950-IEC 825), Poland (B Mark- IEC 60950-IEC 825), Russia (GOST-R50377), Slovakia (IEC 60950-IEC 825), Slovenia (SQI- IEC 60950-EN60825), South Africa (IEC 60950-IEC 825) |